

(c) *Portable tanks*: DOT 51 and DOT 60 portable tanks; and marine portable tanks conforming to 46 CFR part 64 with design pressure of at least 172.4 kPa (25 psig).

(d) *Intermediate bulk containers*. (1) Metal intermediate bulk containers (31A, 31B, 31N) are authorized subject to the conditions and limitations of paragraph (d)(2) of this section provided they conform to the requirements in subpart O of part 178 of this subchapter at the Packing Group performance level specified in column 5 of the §172.101 table of this subchapter for the material being transported.

(2) Intermediate bulk containers are authorized subject to the following conditions and limitations:

(i) No Packing Group I liquids or materials classified as Division 4.2 Packing Group I are authorized in intermediate bulk containers.

(ii) Packing Group I solids are authorized only in metal intermediate bulk containers with capacities up to three cubic meters (106 cubic feet); and

(iii) Liquids with a vapor pressure greater than 110 kPa (16 psig) at 50 °C (122 °F), or 130 kPa (18.9 psig) at 55 °C (131 °F), are not authorized in metal intermediate bulk containers.

(e) A dual hazard material may be packaged in accordance with §173.242 if:

(1) The subsidiary hazard is Class 3 with a flash point greater than 38 °C (100 °F); or

(2) The subsidiary hazard is Division 6.1, Packing Group III.

[Amdt. 173-224, 55 FR 52663, Dec. 21, 1990, as amended at 56 FR 66275, Dec. 20, 1991; Amdt. 173-138, 59 FR 49134, Sept. 26, 1994; Amdt. 173-238, 59 FR 38068, July 26, 1994; Amdt. 173-243, 60 FR 40038, Aug. 4, 1995; Amdt. 173-246, 60 FR 49110, Sept. 21, 1995; Amdt. 173-252, 61 FR 28676, June 5, 1996; 62 FR 51560, Oct. 1, 1997]

**§ 173.244 Bulk packaging for certain pyrophoric liquids (Division 4.2), dangerous when wet (Division 4.3) materials, and poisonous liquids with inhalation hazards (Division 6.1).**

When §172.101 of this subchapter specifies that a hazardous material be packaged under this section, only the following bulk packagings are authorized, subject to the requirements of subparts A and B of part 173 of this sub-

chapter and the special provisions specified in column 7 of the §172.101 table.

(a) *Rail cars*: Class DOT 105, 109, 112, 114, or 120 fusion-welded tank car tanks; and Class 106 or 110 multi-unit tank car tanks.

(b) *Cargo tanks*: Specifications MC 330 and MC 331 cargo tank motor vehicles and, except for Division 4.2 materials, MC 312 and DOT 412 cargo tank motor vehicles.

(c) *Portable tanks*: DOT 51 portable tanks.

[Amdt. 173-224, 55 FR 52663, Dec. 21, 1990, as amended at 56 FR 66275, Dec. 20, 1991; 57 FR 45463, Oct. 1, 1992; Amdt. 173-252, 61 FR 28676, June 5, 1996]

**§ 173.245 Bulk packaging for extremely hazardous materials such as poisonous gases (Division 2.3).**

When §172.101 of this subchapter specifies that a hazardous material be packaged under this section, only the following bulk packagings are authorized, subject to the requirements of subparts A and B of part 173 of this subchapter and the special provisions specified in column 7 of the §172.101 table.

(a) Tank car tanks and multi-unit tank car tanks, when approved by the Associate Administrator for Hazardous Materials Safety.

(b) Cargo tank motor vehicles and portable tanks, when approved by the Associate Administrator for Hazardous Materials Safety.

[Amdt. 173-224, 55 FR 52663, Dec. 21, 1990, as amended at 56 FR 66275, Dec. 20, 1991]

**§ 173.247 Bulk packaging for certain elevated temperature materials (Class 9) and certain flammable elevated temperature materials (Class 3).**

When §172.101 of this subchapter specifies that a hazardous material be packaged under this section, only the following bulk packagings are authorized, subject to the requirements of subparts A and B of part 173 of this subchapter and the special provisions in column 7 of the §172.101 table. On or after October 1, 1993, authorized packagings must meet all requirements in paragraph (g) of this section, unless otherwise excepted.

(a) *Rail cars*: Class DOT 103, 104, 105, 109, 111, 112, 114, 115, or 120 tank car